(19) JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **05125400 A**

(43) Date of publication of application: **21.05.93**

(51) Int. Cl **C11D 17/06**
C11D 11/00

(21) Application number: **04107460**

(22) Date of filing: **27.04.92**

(30) Priority: **17.05.91 JP 03112929**
02.08.91 JP 03194268

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(54) METHOD FOR PRODUCING NONIONIC SURFACTANT-CONTAINING GRANULAR COMPOSITION

(57) Abstract:

PURPOSE: To obtain the subject composition having high bulk density, excellent fluidity characteristics of powder and noncaking properties by stirring a specific porous oil absorbing carrier and a nonionic surfactant by a specific agitation type blender and coating the surface of granules with fine powder.

CONSTITUTION: Compounding components comprising (A) 15-70 pts.wt. porous oil absorbing carrier having 100-600cm ^{3}/100g pore volume by a method of mercury penetration, 20-700m^2/g specific surface area of BET method and ^{3}100ml/100g oil absorption by JIS-K5,101 and (B) 30-85 pts.wt. nonionic surfactant are stirred by an agitation type blender having a stirring shaft with agitating blades at the center of the interior and forming clearance between the agitating blades and the wall of a vessel in revolving the agitating blades to form an attached layer of powder on the wall of the agitation type blender and granulated while raising the bulk density of the powder by the agitating blades. Then, the prepared granules are mixed with fine powder, the surface of the granules are coated with the fine powder to give the objective composition having 0.6-1.2g/ml bulk density.